

34

PLUS Search Results for S/N 10686734, Searched September 02, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4917330	4798143
4399962	4805159
6464459	6565036
4790499	5788180
5340058	4419796
4821508	H000485
4821509	4301736
5033355	6070532
4561357	4831936
4566656	5388524
4621577	6179680
5372334	4334657
4623107	4175491
6012393	4517898
3838645	H000776
4301733	5291830
5507452	4826179
4539911	5317866
4624424	6094054
4390148	4913675
4917335	4500051
5515785	4949917
5514023	4964591
4589594	5607395
5652408	5955698
4882996	H001938
5478028	5001986
5237904	5413049
4374577	4444117
6216597	5430448
6216597	4463954
6310335	H000058
4573648	4522357
4888522	5355764
4998994	4840107

10686734_LIST

5287791	5675115
4337911	4429612
4590842	4907487
4840122	4913029
5415102	4930394
6176186	4974487
6684801	5012719
4242960	5012720
4957046	5016518
5657947	5178726
5866838	5297468
3863571	5332625
4932306	5389195
3699892	5429030
4583461	5431105

10686734_WEST

(4917330 4399962 6464459 4790499 5340058 4821508 4821509 5033355 45613
57 4566656 4621577 5372334 4623107 6012393 3838645 4301733 5507452 453
9911 4624424 4390148 4917335 5515785 5514023 4589594 5652408 4882996 5
478028 5237904 4374577 6216597 6216597 6310335 4573648 4888522 4998994
5287791 4337911 4590842 4840122 5415102 6176186 6684801 4242960 49570
46 5657947 5866838 3863571 4932306 3699892 4583461).pn.
(4798143 4805159 6565036 5788180 4419796 H000485 4301736 6070532 48319
36 5388524 6179680 4334657 4175491 4517898 H000776 5291830 4826179 531
7866 6094054 4913675 4500051 4949917 4964591 5607395 5955698 H001938 5
001986 5413049 4444117 5430448 4463954 H000058 4522357 5355764 4840107
5675115 4429612 4907487 4913029 4930394 4974487 5012719 5012720 50165
18 5178726 5297468 5332625 5389195 5429030 5431105).pn.

10686734_EAST

(4917330
4399962
6464459
4790499
5340058
4821508
4821509
5033355
4561357
4566656
4621577
5372334
4623107
6012393
3838645
4301733
5507452
4539911
4624424
4390148
4917335
5515785
5514023
4589594
5652408
4882996
5478028
5237904
4374577
6216597
6216597
6310335
4573648
4888522
4998994
5287791
4337911
4590842
4840122
5415102
6176186
6684801
4242960
4957046
5657947
5866838
3863571
4932306

10686734_EAST

3699892
4583461) .pn.
(4798143
4805159
6565036
5788180
4419796
H000485
4301736
6070532
4831936
5388524
6179680
4334657
4175491
4517898
H000776
5291830
4826179
5317866
6094054
4913675
4500051
4949917
4964591
5607395
5955698
H001938
5001986
5413049
4444117
5430448
4463954
H000058
4522357
5355764
4840107
5675115
4429612
4907487
4913029
4930394
4974487
5012719
5012720
5016518
5178726
5297468

10686734_EAST

5332625

5389195

5429030

5431105) .pn.

10686734_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10686734 on September 02, 2004

Original Classifications

14	89/8
5	102/476
5	244/3.16
3	89/7
3	102/489
3	244/3.1
3	244/3.11
3	244/3.21
3	244/3.22
2	60/203.1
2	102/374
2	102/399
2	102/529
2	216/66

Cross-Reference Classifications

8	124/3
7	102/517
6	89/8
6	102/501
4	102/472
4	102/503
3	102/202.7
3	102/384
3	102/440
3	102/473
3	102/529
3	102/703
3	244/158A
3	244/3.22
2	60/204
2	102/211
2	102/213
2	102/388
2	102/398
2	102/506
2	102/520
2	114/20.1
2	216/67
2	244/3.1
2	244/3.27
2	376/102
2	376/125

10686734_CLS

2 446/63
2 473/613

Combined Classifications

20 89/8
8 102/517
8 124/3
7 102/501
6 244/3.22
5 102/476
5 102/503
5 102/529
5 244/3.1
5 244/3.16
4 102/472
4 102/473
4 244/3.11
3 60/204
3 89/7
3 102/202.7
3 102/211
3 102/384
3 102/440
3 102/489
3 102/506
3 102/703
3 244/158A
3 244/3.21
2 60/203.1
2 89/1.56
2 102/200
2 102/202
2 102/202.5
2 102/213
2 102/214
2 102/374
2 102/388
2 102/398
2 102/399
2 102/430
2 102/498
2 102/499
2 102/520
2 102/522
2 114/20.1
2 216/66
2 216/67
2 244/117A

10686734_CLS

2 244/3.15
2 244/3.23
2 244/3.27
2 244/3.28
2 376/102
2 376/125
2 446/63
2 446/65
2 473/613
2 604/130

10686734_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10686734 on September 02, 2004

20	89/8	(14 OR, 6 XR)
	Class 89/8	089 : ORDNANCE ACCELARATING
8	102/517	(1 OR, 7 XR)
	Class 102/501	102 : AMMUNITION AND EXPLOSIVES PROJECTILES
	102/517	.Composite
8	124/3	(0 OR, 8 XR)
	Class 124/3	124 : MECHANICAL GUNS AND PROJECTORS ELECTROMAGNETIC
7	102/501	(1 OR, 6 XR)
	Class 102/501	102 : AMMUNITION AND EXPLOSIVES PROJECTILES
6	244/3.22	(3 OR, 3 XR)
	Class 244/3.1	244 : AERONAUTICS MISSILE STABILIZATION OR TRAJECTORY CONTROL
	244/3.15	.Automatic guidance
	244/3.21	..Attitude control mechanisms
	244/3.22	...Fluid reaction type
5	102/476	(5 OR, 0 XR)
	Class 102/473	102 : AMMUNITION AND EXPLOSIVES SHELLS
	102/475	.Focused or directed detonation
	102/476	..Shaped charge
5	102/503	(1 OR, 4 XR)
	Class 102/501	102 : AMMUNITION AND EXPLOSIVES PROJECTILES
	102/503	.Tubular
5	102/529	(2 OR, 3 XR)
	Class 102/501	102 : AMMUNITION AND EXPLOSIVES PROJECTILES
	102/529	.Practice or cleaning
5	244/3.1	(3 OR, 2 XR)
	Class 244/3.1	244 : AERONAUTICS MISSILE STABILIZATION OR TRAJECTORY CONTROL

10686734_CLSTITLES

```

5 244/3.16 (5 OR, 0 XR)
    Class 244 : AERONAUTICS
    244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
    244/3.15 .Automatic guidance
    244/3.16 ..Optical (includes infrared)

4 102/472 (0 OR, 4 XR)
    Class 102 : AMMUNITION AND EXPLOSIVES
    102/430 CARTRIDGES
    102/464 .Case
    102/469 ..Breech end structure
    102/470 ...With primer means
    102/472 ....Electric

4 102/473 (1 OR, 3 XR)
    Class 102 : AMMUNITION AND EXPLOSIVES
    102/473 SHELLS

4 244/3.11 (3 OR, 1 XR)
    Class 244 : AERONAUTICS
    244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL
    244/3.11 .Remote control

3 60/204 (1 OR, 2 XR)
    Class 060 : POWER PLANTS
    60/200.1 REACTION MOTOR (E.G., MOTIVE FLUID GENERATOR
    AND REACTION NOZZLE, ETC.)
    60/204 .Method of operation

3 89/7 (3 OR, 0 XR)
    Class 089 : ORDNANCE
    89/6 FUSE SETTERS
    89/7 .Explosive charge

3 102/202.7 (0 OR, 3 XR)
    Class 102 : AMMUNITION AND EXPLOSIVES
    102/200 IGNITING DEVICES AND SYSTEMS
    102/202.5 .Electrical primer or ignitor
    102/202.7 ..Having an exploding bridgewire

3 102/211 (1 OR, 2 XR)
    Class 102 : AMMUNITION AND EXPLOSIVES
    102/200 IGNITING DEVICES AND SYSTEMS
    102/206 .Ignition or detonation circuit
    102/211 ..Proximity fuze

3 102/384 (0 OR, 3 XR)

```

10686734_CLSTITLES

	Class	102	:	AMMUNITION AND EXPLOSIVES
	102/382			DROP BOMBS
	102/384			.With direction controlling means
3	102/440			(0 OR, 3 XR)
	Class	102	:	AMMUNITION AND EXPLOSIVES
	102/430			CARTRIDGES
	102/440			.Having liquid/gas propellent means
3	102/489			(3 OR, 0 XR)
	Class	102	:	AMMUNITION AND EXPLOSIVES
	102/473			SHELLS
	102/489			.With secondary shells
3	102/506			(1 OR, 2 XR)
	Class	102	:	AMMUNITION AND EXPLOSIVES
	102/501			PROJECTILES
	102/506			.Fragmenting
3	102/703			(0 OR, 3 XR)
	Class	102	:	AMMUNITION AND EXPLOSIVES
	102/703			FLECHETTE
3	244/158A			(0 OR, 3 XR)
	Class	244	:	AERONAUTICS
	244/158R			SPACECRAFT
	244/158A			.Exterior surface air resistance heat control
3	244/3.21			(3 OR, 0 XR)
	Class	244	:	AERONAUTICS
	244/3.1			MISSILE STABILIZATION OR TRAJECTORY CONTROL
	244/3.15			.Automatic guidance
	244/3.21			..Attitude control mechanisms
2	60/203.1			(2 OR, 0 XR)
	Class	060	:	POWER PLANTS
	60/200.1			REACTION MOTOR (E.G., MOTIVE FLUID GENERATOR AND REACTION NOZZLE, ETC.)
	60/203.1			.Electric, nuclear, or radiated energy fluid heating means
2	89/1.56			(1 OR, 1 XR)
	Class	089	:	ORDNANCE
	89/1.51			BOMB, FLARE AND SIGNAL DROPPING
	89/1.56			.Electrical and radio releases and sighting
2	102/200			(1 OR, 1 XR)

10686734_CLSTITLES

Class	102	:	AMMUNITION AND EXPLOSIVES
102/200			IGNITING DEVICES AND SYSTEMS

2	102/202	(1 OR, 1 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/200		IGNITING DEVICES AND SYSTEMS
	102/202		.Propellant ignitors

2	102/202.5	(1 OR, 1 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/200		IGNITING DEVICES AND SYSTEMS
	102/202.5		.Electrical primer or ignitor

2	102/213	(0 OR, 2 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/200		IGNITING DEVICES AND SYSTEMS
	102/206		.Ignition or detonation circuit
	102/211		..Proximity fuze
	102/213		...Light or infrared

2	102/214	(1 OR, 1 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/200		IGNITING DEVICES AND SYSTEMS
	102/206		.Ignition or detonation circuit
	102/211		..Proximity fuze
	102/214		...Radio wave

2	102/374	(2 OR, 0 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/374		HAVING REACTION MOTOR

2	102/388	(0 OR, 2 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/382		DROP BOMBS
	102/386		.With drop-retarding means
	102/388		..Vane or rotor

2	102/398	(0 OR, 2 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/398		NONRECOCHETING PROJECTILE

2	102/399	(2 OR, 0 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/399		MARINE-TYPE PROJECTILE

2	102/430	(1 OR, 1 XR)	
	Class	102	: AMMUNITION AND EXPLOSIVES
	102/430		CARTRIDGES

10686734_CLSTITLES

- 2 102/498 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/498 .Practice
- 2 102/499 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/473 SHELLS
 102/499 .With igniting means
- 2 102/520 (0 OR, 2 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/517 .Composite
 102/520 ..Sabot or carrier
- 2 102/522 (1 OR, 1 XR)
 Class 102 : AMMUNITION AND EXPLOSIVES
 102/501 PROJECTILES
 102/517 .Composite
 102/520 ..Sabot or carrier
 102/521 ...Subcaliber
 102/522Base enclosed
- 2 114/20.1 (0 OR, 2 XR)
 Class 114 : SHIPS
 114/20.1 TORPEDOES
- 2 216/66 (2 OR, 0 XR)
 Class 216 : ETCHING A SUBSTRATE: PROCESSES
 216/58 GAS PHASE ETCHING OF SUBSTRATE
 216/63 .Application of energy to the gaseous etchant
 or to the substrate being etched
 216/66 ..Using ion beam, ultraviolet, or visible light
- 2 216/67 (0 OR, 2 XR)
 Class 216 : ETCHING A SUBSTRATE: PROCESSES
 216/58 GAS PHASE ETCHING OF SUBSTRATE
 216/63 .Application of energy to the gaseous etchant
 or to the substrate being etched
 216/67 ..Using plasma
- 2 244/117A (1 OR, 1 XR)
 Class 244 : AERONAUTICS
 244/117R AIRCRAFT STRUCTURE

10686734_CLSTITLES

244/117A .Skin cooling

2 244/3.15 (1 OR, 1 XR)

Class 244 : AERONAUTICS

244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

244/3.15 .Automatic guidance

2 244/3.23 (1 OR, 1 XR)

Class 244 : AERONAUTICS

244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

244/3.23 .Stabilized by rotation

2 244/3.27 (0 OR, 2 XR)

Class 244 : AERONAUTICS

244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

244/3.24 .Externally mounted stabilizing appendage
(e.g., fin)

244/3.27 ..Collapsible

2 244/3.28 (1 OR, 1 XR)

Class 244 : AERONAUTICS

244/3.1 MISSILE STABILIZATION OR TRAJECTORY CONTROL

244/3.24 .Externally mounted stabilizing appendage
(e.g., fin)

244/3.27 ..Collapsible

244/3.28 ...Longitudinally rotating

2 376/102 (0 OR, 2 XR)

Class 376 : INDUCED NUCLEAR REACTIONS: PROCESSES,
SYSTEMS, AND ELEMENTS

376/100 NUCLEAR FUSION

376/102 .Inertial confinement (e.g., nuclear explosive

2 376/125 (0 OR, 2 XR)

Class 376 : INDUCED NUCLEAR REACTIONS: PROCESSES,
SYSTEMS, AND ELEMENTS

376/100 NUCLEAR FUSION

376/121 .Magnetic confinement of plasma

376/125 ..Imploding liners

2 446/63 (0 OR, 2 XR)

Class 446 : AMUSEMENT DEVICES: TOYS

446/34 AERODYNAMICALLY SUPPORTED OR RETARDED

446/61 .Glider

446/63 ..And projector or launcher

10686734_CLSTITLES

2 446/65 (1 OR, 1 XR)

Class 446 : AMUSEMENT DEVICES: TOYS
 446/34 AERODYNAMICALLY SUPPORTED OR RETARDED
 446/61 .Glider
 446/63 ..And projector or launcher
 446/64 ...Resiliently biased projector
 446/65Including means to retain resilient
 propulsion member in stressed condition

2 473/613 (0 OR, 2 XR)

Class 473 : GAMES USING TANGIBLE PROJECTILE
 473/569 PROJECTILE, PER SE; PART THEREOF OR ACCESSORY
 THEREFOR
 473/613 .Having fluid-dynamic means other than stitching
 seam or textured surface to alter, stabilize
 passage of projectile through the fluid (e.g., spiral
 fluting to impart spin, etc.)

2 604/130 (1 OR, 1 XR)

Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed
 subcutaneously
 other than by diffusing through skin
 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir
 inserted in body
 604/130 ...Having projectile injector operated upon
 impact with body

able 1
 about 1
 above 1
 absence 1
 abstmct 1
 accompany 1
 according 8
 account 1
 action 1
 acts 3
 actuated 1
 adjusting 1
 advantages 2
 aerodmamic 1
 aerodynamic 2
 aerodyrmmic 1
 air 2
 airfoil 1
 airfoils 2
 also 2
 an 6
 analysis 1
 and 31
 angle 3
 angular 1
 another 3
 any 2
 apart 2
 appear 1
 applied 3
 appropriate 2
 approximately 6
 are 10
 area 1
 around 1
 as 8
 assessed 1
 associated 3
 at 14
 atmosphere 1
 attached 4
 attack 2
 background 1
 balanced 1
 be 11
 because 1
 before 3
 beneficially 1

between 3
 botmdary 1
 brief 1
 bullet 1
 by 16
 calculated 3
 calculation 1
 caliber 1
 can 6
 capable 1
 case 3
 cause 1
 characteristics 1
 characterize 1
 characterized 3
 characterizes 1
 chosen 2
 circuit 2
 close 1
 cm 2
 coaesponding 1
 coefficient 4
 coefficients 2
 coeftkient 2
 composed 2
 comprises 2
 conditions 5
 cone 8
 conical 4
 connected 1
 considerable 1
 constant 3
 contributes 1
 control 4
 controlled 1
 correction 1
 correspon 1
 corresponding 3
 corresponds 1
 cotlrse 1
 course 2
 cra 6
 craft 15
 creating 1
 cx 2
 cylinder 1
 cylindrical 2
 cz 2

delivers 1
 delivery 1
 demand 1
 density 3
 departing 1
 deployment 2
 descmtion 1
 description 1
 descrption 1
 design 1
 desired 2
 destabilizes 1
 detaii 1
 detecting 1
 determined 2
 deviate 2
 deviates 1
 deviation 1
 device 15
 diagrnm 1
 diapam 1
 differential 1
 digital 4
 ding 1
 direction 8
 discharg 1
 discharge 24
 discharges 2
 dischargets 2
 discharging 2
 disclosure 1
 discontinuity 1
 disposed 2
 dissymmetly 1
 dissymmetry 2
 distributed 1
 distribution 2
 domain 1
 downstream 1
 drag 6
 drawback 3
 drawbacks 1
 drawings 1
 drawwgs 1
 duration 1
 each 1
 ed 1
 effect 1

effects 2
 effeds 1
 electrical 3
 electrode 1
 electrodes 7
 embodiment 2
 embodiments 1
 embodnents 1
 emitting 2
 enables 1
 enabling 1
 encountered 1
 end 11
 energy 4
 enough 1
 equal 1
 even 1
 example 6
 exnmples 1
 expansion 1
 explosible 1
 feature 3
 figme 1
 figtlre 1
 figure 9
 first 1
 flight 1
 flow 6
 flying 8
 fonvard 1
 for 20
 force 6
 forces 1
 fotlr 1
 four 1
 from 1
 front 1
 fyng 1
 gap 1
 generally 4
 generate 1
 generated 3
 generation 1
 generator 1
 goal 1
 gps 1
 greater 1
 gtzided 1

guided 1
guiding 2
half 3
hand 1
has 8
have 1
having 8
hence 1
high 3
homing 1
icva 1
if 3
ilight 1
imbalance 1
impact 1
in 28
include 2
increases 1
indeed 1
initiated 1
initiates 1
integrally 1
intensity 1
interest 1
interesting 1
into 1
invention 12
involves 1
is 38
it 6
its 4
joules 1
kg 2
large 2
largely 1
layer 1
layout 2
le 1
least 2
less 4
level 2
li 1
lies 1
lift 2
limited 6
line 1
ln 1
located 3

long 1
low 2
lt 1
mach 1
made 1
magnitudes 1
main 3
major 1
make 1
manageable 1
managements 1
many 1
mass 1
may 6
means 5
meets 1
method 5
missile 6
missiles 2
mm 2
mn 1
modeled 1
modifications 1
modifies 1
modulated 1
moment 5
momentum 2
more 4
moreover 1
moving 2
ms 1
multiplier 3
near 7
necessarily 1
necessary 1
no 2
non 3
nonnal 1
nose 17
not 3
now 1
numerous 1
objective 1
obtained 1
of 122
om 1
on 10
once 1

one 9
only 2
ont 1
operate 1
operated 1
operation 2
opposite 1
optical 1
optimized 1
or 21
oriented 2
other 4
outer 5
over 8
overcome 1
ow 1
page 6
pair 2
pairs 4
pairs 1
parameters 1
part 7
particular 3
parts 2
peaks 1
perpendicular 1
pitch 1
plane 2
plasma 24
pmicular 1
po 1
point 1
pointed 4
points 1
position 1
power 1
ppotechnic 1
preferred 1
pressure 2
pressures 2
produce 1
produced 4
producing 1
project 1
projectile 29
projectiles 2
projective 1
propelled 4

proportionally 1
providing 1
pulse 1
pyrotechnic 2
radians 2
reaction 1
rear 1
receipt 1
reduction 1
reference 1
relates 4
relative 1
remote 1
repeated 1
repetitiveness 1
represented 1
represents 2
requires 1
requiring 1
resistance 1
restabilize 1
result 1
results 3
revolve 1
roll 1
round 1
same 5
sample 1
scope 1
sector 6
seen 1
self 4
several 1
shape 4
shaped 3
shell 1
shock 5
shows 10
side 2
signal 1
simulation 5
skin 1
slzrface 1
small 2
so 2
solution 1
sound 1
spark 1

specific 1
speed 4
speeds 1
spin 1
spinning 2
splitter 2
stabilized 1
stated 1
steered 2
steering 13
steeg 1
stored 1
straight 4
substance 1
such 5
sufficient 2
sulwunding 1
summary 1
supersonic 12
surface 13
surfaces 3
surrounding 2
symmetries 1
symmetry 2
system 4
taken 1
technique 1
temperature 2
ten 1
than 1
that 14
the 203
their 1
thenuodynamic 1
thereto 1
thermodmamic 1
these 3
this 9
thus 3
till 1
time 2
times 1
tip 8
tll 1
tllkl 1
tlow 1
to 44
trajectory 7

trigger 5
triggered 1
two 3
type 1
unbalancing 1
under 5
upon 1
upstream 2
using 1
vertex 1
very 4
via 1
vicinity 3
voltage 7
wake 1
warc 1
wave 5
waves 1
when 2
where 2
whereas 1
wherein 1
which 9
while 1
whose 1
will 1
with 6
without 1
zero 3
zone 1